

BI-WEEKLY PROGRESS REPORT NO. 15

**OLD ROOSEVELT FIELD CONTAMINATED GROUNDWATER AREA SITE
REMEDIAL ACTION - PHASE 2, GROUND WATER TREATMENT SYSTEM CONSTRUCTION
GARDEN CITY, NASSAU COUNTY, NEW YORK**

Prepared for:
U.S. Environmental Protection Agency
290 Broadway
New York, New York 10007-1866

Prepared by:
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EPA Work Assignment No.	: 023-RARA-02PE
EPA Region	: 2
Contract No.	: EP-W-09-002
CDM Federal Programs Corporation	
Document No.	: 3320-023-01127
Prepared by	: CDM
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Date Prepared	: November 17, 2011

Bi-Weekly Progress Report No. 15

Phase 2 – Ground Water Treatment System Construction

1.0 Introduction

Pursuant of the Work Assignment Form (WAF) Statement of Work (SOW), for Region 2 Contract EP-W-09-002 Work Assignment 023-RARA-02PE, CDM Federal Programs Corporation (CDM) is performing the Phase 2 (Groundwater Treatment System Construction) Remedial Action (RA) at the Old Roosevelt Contaminated Groundwater Area Site. The Bi-Weekly Progress Report is intended to partially fulfill the requirements specified under WAF SOW for this assignment. This Bi-Weekly report is prepared for the work performed from October 3, 2011 to October 14, 2011.

The work performed during this reporting period includes: general clean-up, fencing, exterior trim, vinyl siding, interior room sheetrock, thin brick, process system installation and electrical systems installation. This work is summarized in further detail below. A list of the supporting documentation attached with this bi-weekly progress report is as follows:

- Attachment 1 - CDM's Daily Status Report
- Attachment 2 - CDM's Field Log Book Notes
- Attachment 3 - Photo Log

2.0 Personnel On-Site

The following personnel were on site during this reporting period:

CDM - Contractor

Jeffrey Mullen	Construction Supervisor
Muzaffar Rahmani	Project Engineer

Arrowhead Contracting Inc (ACI) – Subcontractor

Doug Ronk	Project Manager
Tom Gleave	Quality Control/Safety Manager
Joe Cotter	Site Superintendent
Matt Swope	Construction Foreman
Clifford Swope	Craftsman

JK Electric – ACI Subcontractor

Jim Kilkullen	Supervisor
Mike Kilkullen	Foreman
Joe Cavano	Laborer

Strong Hold – ACI Subcontractor

Kris Mangino	Laborer
R. Rowland	Laborer

T&F Enterprises – ACI Subcontractor

Tim Taub	Owner
Chris Kosikowski	Foreman

Ponsolle Brothers– ACI Subcontractor

Ramundo Delgado	Laborer
Vincent Delgado	Laborer
Todd Bloom	Laborer

3.0 Summary of Work Performed

The following is a brief summary of the field activities performed during this reporting period (refer to Attachments 1, 2, and 3 for Daily Status Report, log book notes, and photo log, respectively for each working day):

- Thin Brick Veneer
 - Ponsolle installed wire mesh to OSB wall sheathing using roofing nails. Mortar was then applied to the surface of the wire mesh and allowed to cure. The following day, Ponsolle returned to start installing the thin brick veneer. They started with the soldier courses above the service door and continued with the standard courses above. On the third day, Ponsolle returned and installed the thin brick from the soldier courses to the ground. The bricks were allowed to cure and were then grouted and cleaned.
- Process System Installation
 - ACI installed all of the treatment system equipment in accordance with the contract drawings.
 - ACI continued installing the process piping and supports.
- Interior Room Sheetrock
 - ACI continued to sheetrock the interior rooms. Sheetrock was hung, taped and finished. Two coats of paint were applied.
- Fencing
 - Strong Hold installed the new chain-link fence north and east of the treatment building. The fence and accessories were installed in accordance with the contract drawings.
- Misc. Building Components
 - ACI installed the exhaust fans, motorized louvers and miscellaneous trim in the exterior walls. Gutters and downspouts were also installed as specified.
- Plumbing
 - T&F performed pressure testing of the 3 extraction well pipes. EW-1D and EW-1I were tested and passed the pressure test. EW-1S did not hold pressure. As a result, T&F contracted NYLD to investigate and locate the leak. NYLD and T&F focused their investigation near the extraction wells and located the leak by injecting helium at the wellhead and using a specialized detector for helium. T&F excavated the pipe trench, just north of the wells and found that a section of 3" HDPE pipe had been damaged

during installation. T&F cut out the damaged section of pipe and fused a new piece in place. The excavation was then backfilled with clean stone and re-compacted as required.

■ **Electrical**

- JK Electric started to install electrical panels in electric room. Also started installing conduit and boxes in framed walls for offices. Conduit and wiring was also started for the process equipment and instruments.

■ **Health and Safety**

- A tailgate H&S meeting was conducted each day before the start of work activities.

■ **Material Deliveries**

- PVC Pipe and Fittings
- Thin Brick
- Sheetrock
- Insulation
- Gutters
- Fencing Materials

4.0 Problems/Corrective Action

During this two week period it was determined that one of the extraction well discharge pipes was damaged. Following an investigation, the leak was located and repaired. It was determined that after the pipe was installed, it must have been damaged by subsequent excavation work in the area.

5.0 Deviations

No deviations were noted for this reporting period.

6.0 Conclusions

Construction progress continues at a moderate pace. All work has been completed in a professional and safe manner.

ATTACHMENT 1
DAILY STATUS REPORT

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-3-11

Day Monday

WEATHER: Sunny

TEMP: 48/60 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/ Jeff Millen			
Arrowhead/ Joe Cotter, Tom Gleave, Doug Ronk, Greg Wallace			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	3-man crew	Ponsolle Brothers Masonry	Thin Brick
0730	Tim Taub	T&F	Plumbing
0730	Chris Kosikowski	T&F	Plumbing
0730	J.Kilkullen	JK Electric	Interior rough in
	Mike	JK Electric	Interior rough in
	Joe	JK Electric	Interior rough in
EQUIPMENT IN USE:			
TL-250 Skid Steer - not used CAT 277 Skid Steer - not used Dynapac CC122 Compactor – not used Articulated man-lift (2) Articulated Material Lift			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
T&F investigating extraction well EW-1D piping. A leak is suspected due to failed pressure test. T&F has arranged to have a leak detection company locate the leak, date TBD.			
ACI cleaning area inside and around building. Working on treatment system equipment layout and process piping.			
Ponsolle installing thin brick. Started with soldier courses above overhead door, Standard courses installed above soldier course to eave height as required.			
JK Electric on site to install wire from exterior panel to inside 225A power panel. Also working on miscellaneous flexible conduit and boxes.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

WORK BEING INSPECTED: N/A
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: Site Communications – Fall Protection
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-4-11

Day Tuesday

WEATHER: Pt. Cloudy

TEMP: 53/64 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/ Jeff Millen, Ali Rahamani			
Arrowhead/ Joe Cotter, Tom Gleave, Doug Ronk, Greg Wallace, Josh			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	3-man crew	Ponsolle Brothers Masonry	Thin Brick
	Tim Taub	T&F	Plumbing
	Chris Kosikowski	T&F	Plumbing
0730	J.Kilkullen	JK Electric	Interior rough in
0730	Mike	JK Electric	Interior rough in
0730	Joe	JK Electric	Interior rough in
EQUIPMENT IN USE:			
TL-250 Skid Steer - not used CAT 277 Skid Steer - not used Dynapac CC122 Compactor – not used Articulated man-lift (2) Articulated Material Lift			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI cleaning area inside and around building. Working on treatment system equipment layout and process piping. Ponsolle continue installing thin brick. Standard courses continued from soldier course downward. Approx. 65% complete. JK Electric on site to install wire from power distribution panel to outlets and other 120V wiring.			
WORK BEING INSPECTED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:
Daily Safety Tailgate meeting held. Featured Topic: Site Communications – PPE
TESTING PERFORMED:
N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:
N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED:
N/A
COMMUNICATION WITH CONTRACTOR STAFF:
N/A
MEETING:
N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-5-11

Day Wednesday

WEATHER: Sunny

TEMP: 46/69 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM: Jeff Mullen and Ali Rahmani			
Arrowhead: Joe Cotter, Cliff Swope, Tom Gleave, Matt Swope, Doug Ronk, Greg Wallace, Steve Lucas and Josh Lyon			
Subcontractors:			
	NAME	FIRM	Related Work
	Todd Bloom	Ponsolle	Masonry
	Ramon Delgado	Ponsolle	Masonry
	Vicente Delgado	Ponsolle	Masonry
	Mike Kilcullen	JK Electric	Electric
	Joe Caivano	JK Electric	Electric
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
None			
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steered Articulated Man-lift, Model 460SJ (two)			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI continued installation of the process control equipment, piping and support rails.ACI finished installation of roof shingles and completed installation of the exterior trim on the back side of the building.			
Ponsolle brothers completed installation of thin brick and began grouting the bricks.			
JK Electric continued installation of the electrical panel boards and motor control centers, began installing electrical fixtures, and continued electric roughing work.			
WORK BEING INSPECTED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:
Daily Safety Tailgate meeting held. Featured Topic: Heavy Equipment
TESTING PERFORMED:
N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:
N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED:
N/A
COMMUNICATION WITH CONTRACTOR STAFF:
N/A
MEETING:
N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Ali Rahmani

Title: Project Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-6-11

Day Thursday

WEATHER: Sunny

TEMP: 48/68 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM: Ali Rahmani			
Arrowhead: Joe Cotter, Cliff Swope, Tom Gleave, Matt Swope, Doug Ronk and Josh Lyon			
Subcontractors:			
NAME	FIRM	Related Work	
Todd Bloom	Ponsolle	Masonry	
Ramon Delgado	Ponsolle	Masonry	
Vicente Delgado	Ponsolle	Masonry	
Mike Kilcullen	JK Electric	Electric	
Joe Caivano	JK Electric	Electric	
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
None			
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not Used CAT 277 Skid Steered – Not Used Articulated Man-lift, Model 460SJ (two)			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI continued installation of the process control equipment, piping and support rails.ACI finished installation of side shingles and exterior trim on back, south and north sidewall of building. Ponsolle brothers completed brick grouting. JK Electric installed seven ceiling lights.			
WORK BEING INSPECTED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:
Daily Safety Tailgate meeting held. Featured Topic: Heavy Equipment
TESTING PERFORMED:
N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:
N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED:
N/A
COMMUNICATION WITH CONTRACTOR STAFF:
N/A
MEETING:
N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Ali Rahmani

Title: Project Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-7-11

Day Friday

WEATHER: Sunny

TEMP: 49/69 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM: Ali Rahmani			
Arrowhead: Joe Cotter, Cliff Swope, Greg Wallace, Steve Lucas, Matt Swope, Doug Ronk and Josh Lyon			
Subcontractors:			
NAME	FIRM	Related Work	
Lou Corsini	R&L Driller	Pump Installation	
Henry Hoffman	R&L Driller	Pump Installation	
Oscar Ramos	R&L Driller	Pump Installation	
Mike Kilcullen	JK Electric	Electric	
Joe Caivano	JK Electric	Electric	
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
None			
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steered – Not Used Articulated Man-lift, Model 460SJ (two)			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI continued installation of the process control equipment, piping and support rails. ACI started installation of side shingles and exterior trim on front wall of the building. ACI also started grading in the back and side of the building.			
R&L Driller setup the pump in EW-1D at 344 feet bgs. The setup is not complete. The pitless end was dented and therefore could not be installed. Pipe was secured in the well. This work will be completed after ACI re-order the pitless end.			
JK Electric installed one ceiling light and completed all rough-in work inside the control, chemical and electrical rooms.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

WORK BEING INSPECTED: N/A
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: Heavy Equipment
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: Pitless adaptor was dented and therefore could not be installed. Driller will complete the installation of pump after ACI receives the the pitless adaptor.
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Ali Rahmani

Title: Project Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-8-11

Day Saturday

WEATHER: Sunny

TEMP: 55/77 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM: Ali Rahmani			
Arrowhead: Joe Cotter, Cliff Swope, Steve Lucas, Matt Swope, Doug Ronk and Josh Lyon			
Subcontractors: None			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
None			
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not Used CAT 277 Skid Steered – Not Used Articulated Man-lift, Model 460SJ (two) – Not Used			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI completed sheetrock work of exterior and interior wall in the control room (office), toilet, and electrical room. ACI completed installation of all fittings and eductor in the influent tank, and worked on influent header piping.			
WORK BEING INSPECTED:			
CDM identified that some of the nuts have no washer on the steel column located inside the toilet. As a corrective action measure, ACI installed the washer prior to installing the sheetrock.			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic:			
TESTING PERFORMED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Ali Rahmani

Title: Project Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-10-11

Day Monday

WEATHER: Sunny

TEMP: 61/80 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM: Ali Rahmani			
Arrowhead: Tom Gleave, Cliff Swope, Steve Lucas, Matt Swope, Doug Ronk and Josh Lyon			
Subcontractors:			
NAME	FIRM	Related Work	
Ricky Rowlande	Strong Hold Fence	Fence Installation	
Chris Mannino	Strong Hold Fence	Fence Installation	
Mike Kilcullen	JK Electric	Electric	
Joe Caivano	JK Electric	Electric	
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
None			
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steered – Not Used Articulated Man-lift, Model 460SJ			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI continued installation of the process control equipment, and piping. ACI completed installation of all sheetrock. ACI setup the influent tank inside the building Strong Hold Fence setup the fence posts Fence fabric is scheduled to be installed on Friday. JK Electric started installation of electric conduit pipe for ceiling lights.			
WORK BEING INSPECTED:			
CDM inspected the fence post installation. Noted that the fence post holes depth (40 inch bgs) and diameter (16 inch for corner posts and 10 inch for other posts) were not in accordance with the drawing. Instructed the subcontractor to correct these before pouring concrete. Subcontractor completed the work accordingly. CDM also noted that based on the fence post length of 9 feet it			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

can only be set 2 feet in concrete instead of 2 feet 10 inches, as shown on the design drawing. CDM discussed this with ACI and concurred that setting up the fence post 2 feet in concrete is fine as long as the concrete is set below the frost line (40 inches).

JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:

Daily Safety Tailgate meeting held. Featured Topic:

TESTING PERFORMED:

N/A

PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:

GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED:

N/A

COMMUNICATION WITH CONTRACTOR STAFF:

N/A

MEETING:

N/A

ADDITIONAL ACTIVITIES AND REMARKS:

By: Ali Rahmani

Title: Project Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-11-11

Day Tuesday

WEATHER: Sunny

TEMP: 62/74 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM: Ali Rahmani			
Arrowhead: Tom Gleave, Cliff Swope, Steve Lucas, Matt Swope, Doug Ronk and Josh Lyon			
Subcontractors:			
NAME	FIRM	Related Work	
Chris Mannino	JK Electric	Electric	
Mike Kilcullen	JK Electric	Electric	
Joe Caivano	JK Electric	Electric	
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
None			
EQUIPMENT IN USE:			
TL-250 Skid Steer CAT 277 Skid Steered – Not Used Articulated Man-lift, Model 460SJ			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI continued installation of the process control equipment, and piping. ACI completed installation of piping and fittings in the extraction well vault EW-1D and EW-1I with the exception of sampling port. ACI completed installation of all plastic shingles on the exterior front. All siding and shingles work are complete with the exception of entrance door and front windows. JK Electric continue installation of electric pipe conduit for ceiling lights, and completed installation of wiring from main breaker to the transformer.			
WORK BEING INSPECTED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic:
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Ali Rahmani

Title: Project Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-12-11

Day Wednesday

WEATHER: Overcast

TEMP: 60/65 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/ Jeff Millen, Ali Rahamani			
Arrowhead/ Cliff Swope, Tom Gleave, Doug Ronk, J Lyon,			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
0700	3-man crew	Ponsolle Brothers Masonry	Thin Brick
0830	Tim Taub	T&F	Plumbing
0830	Chris Kosikowski	T&F	Plumbing
	J.Kilkullen	JK Electric	Interior rough in
0730	Mike	JK Electric	Interior rough in
0730	Joe	JK Electric	Interior rough in
EQUIPMENT IN USE:			
TL-250 Skid Steer - not used CAT 277 Skid Steer - not used Dynapac CC122 Compactor – not used Articulated man-lift (2) Articulated Material Lift			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
T&F investigating EW-1D piping due to failed pressure test. Problem is suspected to be near the extraction wells. After leak was located, T&F cut the damaged pipe out and fused a new section of piping in place.			
NYLD on site to assist T&F to locate leaking 3" HDPE pipe. Helium injected into pipe and detected immediately north of the extraction wells.			
ACI continuing to work on interior room walls. All joints were taped. Continued installing process piping.			
JK Electric on site hanging lights and pulling wire.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

WORK BEING INSPECTED: N/A
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: Eye Safety/Protection
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-13-11

Day Thursday

WEATHER: Overcast

TEMP: 64/71 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/ Jeff Millen			
Arrowhead/ Cliff Swope, Tom Gleave, Doug Ronk, J Lyon			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
	Tim Taub	T&F	Plumbing
0730	Fence Contractor (2 men)	StrongHold Fence	Fence Installation
1200	J.Kilkullen	JK Electric	Interior rough in
0730	Mike	JK Electric	Interior rough in
0730	Joe	JK Electric	Interior rough in
0900	Sean ????	CDM	Safety Audit
EQUIPMENT IN USE:			
TL-250 Skid Steer - not used CAT 277 Skid Steer - not used Dynapac CC122 Compactor – not used Articulated man-lift (2) Articulated Material Lift			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Stronghold fence erecting fence on north and east side of treatment building.			
ACI continuing to work on interior room walls. All joints were taped. Continued installing process piping. Installed motorized louver above overhead door.			
JK Electric on site hanging lights and pulling wire.			
Sean ???? on-site to perform safety audit of construction activities.			
WORK BEING INSPECTED:			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

N/A
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: Hand Safety
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 10-14-11

Day Friday

WEATHER: Overcast

TEMP: 53/73 deg F

WIND: mild

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/ Jeff Millen, Shawn Oliveira			
Arrowhead/ Matt Swope, Cliff Swope, Tom Gleave, Doug Ronk, J Lyon			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
	Tim Taub	T&F	Plumbing
0730	Fence Contractor (2 men)	StrongHold Fence	Fence Installation
1200	J.Kilkullen	JK Electric	Interior rough in
0730	Mike	JK Electric	Interior rough in
0730	Joe	JK Electric	Interior rough in
0900	Sean Oliveira	CDM	Safety Audit
1300	Gutter Company	????	Rain Gutters & Downspouts
EQUIPMENT IN USE:			
TL-250 Skid Steer - not used CAT 277 Skid Steer - not used Dynapac CC122 Compactor – not used Articulated man-lift (2) Articulated Material Lift			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Stronghold fence completing installation of the fence on north and east side of treatment building.			
ACI continuing to work on interior room walls. All joints were taped. Continued installing process piping. Installed motorized louver above overhead door. Installed sheetrock on ceilings in chemical storage room, mechanical room, electrical room and bathroom.			
JK Electric on site hanging lights and pulling wire.			
Shawn Oliveira on-site to perform safety audit of construction activities.			
Gutter subcontractor installing aluminum gutters and downspouts.			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

WORK BEING INSPECTED: N/A
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: Teamwork
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: Weekly Conference Call: CDM, EPA and ACI.
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

ATTACHMENT 2
FIELD LOGBOOK NOTES

10/3/11
Monday
Sunny
48/60°F

0700 ACI on site

0730 Safety Meeting - Fall Protection, Goggles, T-stance

0730 Pansolt, 1/2 Electric and T-F
on site (2 men)

0830 Cam on site

A. Redman

0830 Pansolt working on thin brick

0830 T-F locators buried pipe went

of building - leak suspected due
to failed pressure test and large

Amount of water in Area

0900 1/2 Electric pulled wire from

The main disconnect to the

Service Panel in Electric Room

0930 Pansolt continuing to install

thin brick

10:30 T-F investigating leaking

3" well piping for Eu-1D

11:30 T-F off site - LEAK NOT FOUND

12:00 1/2 Electric off site

1400 Pansolt off site - APPROX 40% complete

with thin brick

1500 ACI continuing to LAYOUT EQUIPMENT

AND PIPING IN TREATMENT BLDG

1600 Material Supply Delivered for Pipe & Fittings

10/3/11 cont

1700 ACI CONTINUING WITH LAYOUT
OF DUCT & PIPING ASSOCIATED
WITH THE WATER TREATMENT
SYSTEM.

1700 J. Miller off site
1830 ACI & COM off site

Don
10/3/11

10/4/11 Tuesday 53/64°F
 0700 ACI & Pensolle on site
 0730 EDM, J Miller on site
 0730 Safety Meeting
 0800 ACI Continuing to work on Process E&P Piping
 0800 Pensolle continuing to work on Thin Brick (3men)
 0800 JK Electric on site working inside Electric Room on misc conduit and boxes for convenience outlets and lighting circuits (2men)
 0830 ACI working on Asphalt Shingles on Upper Northern Roof Face ~ 50%
 11:00 ACI Continuing to Work on Roof
 11:30 ACI Continuing to Assemble Piping
 1200 Pensolle Continuing to install thin brick
 1300 ACI 65% complete
 1400 Pensolle off site
 1800 ACI off site
 1730 ARHAMMAN off site
 1800 J MILLON off site

Miller
 ARHAMMAN
 J Miller
 D Rank
 M. Swire
 C Swire
 G Wallace
 T Cleave

10/5/11 Wednesday 46/69°F

0700 ACI & EDM on site
 0700 Pensolle (3men) on site
 1730 Safety Meeting
 0800 Pensolle Starting on Remains of Thin Brick installation
 0800 JK Electric (3men) on site

Continuing to install wiring

0900 ACI FINISHING Asphalt Shingles

on upper Northern Roof

1000 ACI completed lower roof

1100 ACI installed RIDGE CAP Roof 100%

1130 ACI continue to assemble piping

1300 Pensolle finish thin brick installation

and started grouting from bottom

Pensolle off-site

JK Electric off-site.

1800 ACI and EDM off-site.

Note: Freehold Cottage pumped 11,000 gallon of water from boiler tank to heater tank for off-site disposal.

Sunny

Miller
 J Miller
 MS Swire
 C Swire
 ARHAMMAN
 G Wallace
 T Cleave
 J Miller

JK 10/4/11

10/5/11

10/6/11

Sunny

40°/8°F

0700

ACI Rahman of cbm and

ACI on-site

0705

Ponsolle (3 men) on-site
ACI personnel:

D. Runk

M. Scape

T. Cleave

C. S. S. Pope

Josh Lyon

J. C. H. H.

0730

Safety meeting

Ponsolle start grouting thin brick

0810

Freehold Castops pumped 5,500 gallon
from tanker tank to trailer tanks for
off-site disposal.

0815

ACI started vinyl siding installation

0830

above the trim on back side of building
JK Electric (2 men) on-site. They

start installing tube lights.

1040

ACI start working on process

piping.

1100

ACI finish vinyl siding on the
back side of building. Start working

on the south side (trim work)

1330

ACI, JK Electric and Ponsolle continue
working.

10/6/11

1400

ACI finished trim work and vinyl
siding on south wall. Moved to
north wall to complete trim and
vinyl siding

1415

Ponsolle finished thin brick grouting.

1430

Ponsolle off-site.

JK Electric continue installing

ceiling light

1510

JK Electric off-site. Installed

seven ceiling lights today.

1515

ACI finished trim work and
vinyl siding on north wall.

1530

ACI continue installing process

piping.

1600

cbm and ACI off-site

10/6/11

10/7/11

Sunny

49/69°F

0730

Asi Rahmani of CDM on-site.

ACE on site.

ACE Personnel.

J. Cotto

M. Surpe G. Wallace

D. Runk

C. S. Surpe

S. Lucas

J. Lyon

0830

JK Electric on-site. Continue

installation of ceiling lights.

0900

ACE started installing trim and

vinyl siding on the front.

~~ACE confirmed installing pressure washer weekly progress meeting.~~

0915

R&L on-site to install (3 men)

pump in deep excavation well

motor was changed to have one

pickel only. Pump is being

set at 345 ft below top

of casing.

motor: 6 submersible motor

Franklin Electric 15HP

S/N 11619-18-061404

Pump: 150S150-7 Groundfos

Cable: Centerline Hico submersible

pump cable 90C Jny/75C wet

4 AWG 60/600 600 VLT

AR 10/7/11

10/7/11

AR

1000

Weekly progress meeting

1030

AR back to the excavation well

area. R&L continue installing

pump.

R&L crew members name

Lou Corsini

Henry Hoffman

Oscar Ramos.

1150

R&L noted that pitless end

they suppose to put has been ~~set~~ ^{done}

because someone dropped it.

They made a call to their office

to get another one

R&L will install 16 (20 feet) pipe and

one 1/2" pit pipe. (i.e. 345-foot pipe)

5 1/2-foot for motor and pump and

3 feet from surface to pitless adapter.

= 4 355 1/2 ft legs

The pump supposed to be

set up at 345 ft legs.

CDM instructed R&L not

to install last 11-ft section of

pipe.

AR 10/7/11

10/7/11

1215

AR

R&L finished installation of pump and sixteen 21-foot pipes (336 ft).

Fitness and will be ordered by abovehead and installed in next few days.

R&L secured the pipe and left hanging in the well. (see photo).

1230 R&L off-site.

1400

ACT continue installing process piping and siding. ACE also grading around the building.

JK Electric continue wiring and lighting. (consultant) Sreetrack and R-13 delivered on-site.

1530 JK Electric off-site. Finished all electrical rough-in work inside the control, chemical and electrical room.

Received delivery of fans and lower ACEI and EDM off-site.

1730
1800

10/8/11

SUNNY

551770F

0800

Ali Rahmani & EDM m-sib.
ACE on-site.

ACE personnel

J. Cotts

M. Scoopa

D. Rork

C.B. Skoppe

J. Lyon

S. Lucas

ACEI preparing to install steelwork on inside well. ACE also preparing to make penetration in the influent tank.

0900

ACE start installing steelwork.

ACE start making the tank for installation of all things.

0930

Ali Rahmani instructed ACEI

not to put steelwork around steel columns in the bathroom and chemical room. Nuts are missing washer

1100

J. Cotts off-site

1120

ACEI installing washer on the steel column so that they can complete the steelwork.

ACEI drilling holes on the top of tank

10/7/11

AR

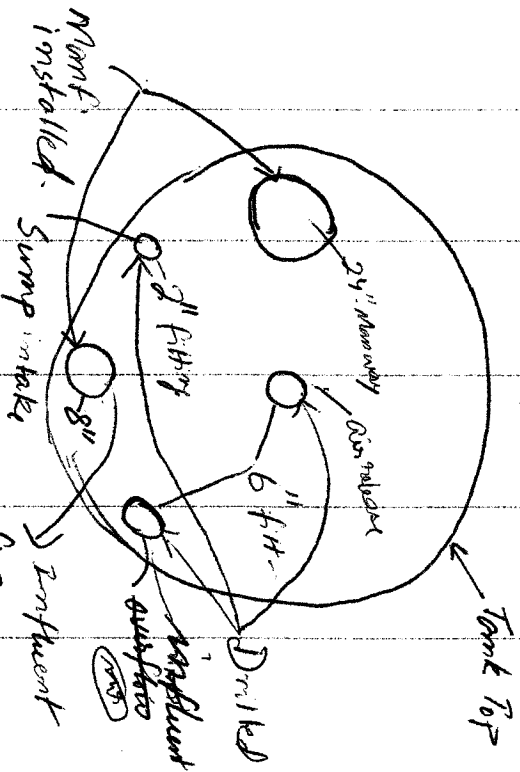
AR 10/8/11

10/8/11

AR

Drilled holes on top of tank.
(and) for installation of
the following fittings

- two 4-inch
- One 8-inch



1345 Completed drilling ~~five~~ holes on
the side of the tank. (2 6-inch
1 (4-inch) and 2 (2-inch)).

1500 Finished installation of
educter in the tank
(see photo)

Sheetrock: Gridmax 5/8" the

Gold bond Fire shield

R-13 insulation: John Manville

Thermaland Sound Control

AR 10/8/11

10/8/11

AR

1600

Continue Sheetrocking.
ACI started installing process

1730

ACI finished exterior wall
sheetrock in
control room, toilet, electric and
mechanical room

1800

Can & ACI off site.

AR

10/8/11

10/10/11
~~Monday~~
 0730

SUNNY
 61/180°C

Ati Rahmani of EDM on-site

ACI on-site

ACI personnel

T. Greave M. Swope

D. Rork CS Swope

J. Lyon S. Lucas

Fencing subcontractor -

Strong Hold Fence on site.

Chris Mannering and Ricky

Roulands

0800 JK Electric (2-men) on-site

Continue installation of ceiling

lights (piping the lights).

ACI started sheetrock the

chemical room.

0930 Strong hold started driving

holes to set-up the post.

The post will be not set-up

according to the design drawing.

Design drawing requires to set-up

the post 2'-10" in concrete. The

contractor will set-up 2' in concrete

EDM and ACI discussed this

change. Both concurred that 2 feet

AR 10/10/11

10/10/11

AR

of fence post in concrete is fine as
 long as the concrete depth is 40"
 (below frost line)

1000 ACI continue installing process

piping.

1230 Strong hold completed installation

of all fence post.

1245 Strong hold off-site

JK Electric continue ^{and} installation

of pipe conduit for building lights.

1500 JK Electric off-site

ACI finished installation of

Sheet Rock. All sheetrock work

complete. Control room (office) and

bathroom will have drop ceilings.

1510 ACI started bracing the tank

inside the bldg.

1600 ACI finished influent tank

setup inside the bldg.

ACI restarted installation of process

piping.

1800 ACI and EDM off-site

AR

10/10/11

10/11/11
Tuesday
00700

Cloudy
62/74°F
At. Kalamani of CM on site.

0800
TK Electric
J. Kark
J. Lyon

ACI on-site.
ACI personnel
T. Colease M. Saepe
J. Kark C. Saepe
S. Lucas (3 men)

0800

TK Electric on-site J. TK
Electric will continue electrical
conduit piping for ceiling lights.
TK Electric also wiring main

0830

breaker to the transformer
ACI started installation of
process piping and front
exterior trim work.

0930

ACI preparing to install the
louvers in the front

1030

Thomas Mathew of CM on site

1300

TK Electric continues working on electrical
conduit piping. ACI continues working
on front side of bldg to install moldings,
plastic skingles, and louvers.

1415

Thomas off site. ACI and TK arrive
at extraction well location to complete
piping.

AK 10/11/11

10/11/11

1500

TK Electric off site.

1630

ACI finished installation of
trim and plastic skingles in the
front.

1645

ACI finished installation of
piping and fittings in Eav-12
and Eav-11 vault with the
exception of sample port.

1800

ACI and CM off-site

10/11/11

10/12/11

Wednesday

0730

ACI Rahmani of CDM on site

ACI on site

ACI personnel

T. Gleave D. Runk

C. Sworpe J. Lyon

~~ACI~~ S. Lucas

Freehold Cottage on site for

disposal of water from Adles

tank. ~~side~~ - Eye South/13121m

0800

0830

0900

J. Miller on site

TTF on site to locate leak

NYLO on site to perform location

Series @ well head Area

Connected Air Compressor to

EU110 Piping and listened

The leak in Area - None found

injected helium and used

detectors to find leak. Strong

indication of helium just

North of Wells under tunnel

TTF Excavated Area using small

excavator. Exposed pipes and

found one to have a large hole

(hole appears to have been made by

previous excavation activities)

10/12/11

Thursday

1130

1200

1300

1330

0730

0730

0730

0730

0730

0730

0730

0730

0730

0730

0730

0730

0730

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0730

0730

0730

TTF FUSED New Section of

3" HDPE INTO Removed Pipe.

TTF Pressurized Pipe with

water ~ 60PSI - Pressure held

TTF Backfilled Area & compacted

ACI Confining to work on Piers

Piping inside Building

ACI TYPING joints on Sheetrock

walls

JE Electric (2 man crew) on site

Working on lighting & misc

Electrical items inside Building

ACI Confining to Assemble Piers

Piping in side Treatment Bldg

JE Electric off site

ACI Finishing work on Sheetrock

Joints

ACI off site

ACI off site

ACI off site

ACI off site

ACI off site

ACI off site

ACI off site

ACI off site

ACI off site

ACI off site

ACI off site

for

10/12/11

10/13/77
Wednesday

Cloudy
64/77°F

(2)

J. Mullen

D. Bank

C. Cooper

M. Cooper

T. Deane

0730 ACI, 1st, & fence contractor
on site

0800 Safety Meeting - Attend Safety S. Oliveira

0900 S. Oliveira on site to perform J. Lyon

Safety Audit

0900 Jk Electric J. Kilkenny on site
to assist 2 men crew inside

BLDG

1000 Fence North and East of
Treatment building being
erected

1030 ACI working on sheetrock
and Process piping

1200 Break for lunch

1230 Fence is 50% complete Section

East of Building not done

1500 ACI painting motorized lower

1600 In opening above OHD

com + ACI off site

John Mullen

10/14/11

FRIDAY

Cloudy

53/73°F

(A)

Smullen

Drain

ESCAPE

MSWAP

0700 COM & ACI ON SITE

0730 Safety Meeting

0800 Stronghold Fence (2 man crew) & OLIVEIRA

ON SITE TO FINISH FENCE T/CLEAN

0830 S. OLIVEIRA ON SITE TO

PERFORM SAFETY AUDIT/OBSERVATIONS

0930 Stronghold off Site - Fence Complete

0800 JK Electric on site working on

Lighting And interior Conduits

1000 Conference Call EPA, COM, ACI

1100 Accounting on Process Piping

1200 ACI SET MURKINED LOWER ABOUT

Overhead Door

1300 Be Her SubContractor on Site to

INSTALL Aluminum Gutters and Downspout

1400 ACI Working on Deck - Painting

AND INSTALLING CEILING IN Chem.

Storage Room, Hvac Room & Electrician.

Th 10/14/11

ATTACHMENT 3
PHOTO LOG

PHOTOGRAPHIC LOG

Contract No.: EP-W-09-002

Groundwater Treatment System Construction

Old Roosevelt Field Contaminated Groundwater Area Superfund Site

PHOTOGRAPH #	DATE	BY	DESCRIPTION
IMAG0125.jpg	10/3/2011	JWM	Air Stripper and Bag Filter Assembly
IMAG0126.jpg	10/3/2011	JWM	Thin Brick Installation
IMAG0127.jpg	10/5/2011	JWM	Air Stripper Discharge Pump
IMAG0128.jpg	10/5/2011	JWM	Air Stripper Blower Ductwork
IMAG0129.jpg	10/6/2011	JWM	Thin Brick Installation complete w/o grout.
IMAG0130.jpg	10/7/2011	JWM	EW-1D Pump Installation
IMAG0131.jpg	10/7/2011	JWM	Extraction Well Influent Header
IMAG0132.jpg	10/8/2011	JWM	Northern Roof with Skylights
IMAG0133.jpg	10/10/2011	JWM	New Fence Installation - North and East of Treatment Bldg.
IMAG0134.jpg	10/12/2011	JWM	Typical Extraction Well Vault Piping
IMAG0135.jpg	10/13/2011	JWM	Influent Tank Installed
IMAG0136.jpg	10/13/2011	JWM	New Fence East of Treatment Bldg.

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System
PHOTOS: October 3 through October 14, 2011**



Air Stripper and Bag Filter Assembly
IMAG0125.jpg 10/3/2011



Thin Brick Installation
IMAG0126.jpg 10/3/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: October 3 through October 14, 2011



Air Stripper Discharge Pump

IMAG0127.jpg

10/5/2011



Air Stripper Blower Ductwork

IMAG0128.jpg

10/5/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: October 3 through October 14, 2011



Thin Brick Installation complete w/o grout.

IMAG0129.jpg

10/6/2011



EW-1D Pump Installation

IMAG0130.jpg

10/7/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: October 3 through October 14, 2011



Extraction Well Influent Header
IMAG0131.jpg 10/7/2011



Northern Roof with Skylights
IMAG0132.jpg 10/8/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: October 3 through October 14, 2011



New Fence Installation - North and East of Treatment Bldg.
IMAG0133.jpg 10/10/2011



Typical Extraction Well Vault Piping
IMAG0134.jpg 10/12/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: October 3 through October 14, 2011



Influent Tank Installed

IMAG0135.jpg

10/13/2011



New Fence East of Treatment Bldg.

IMAG0136.jpg

10/13/2011